INFORMATION DISCLOSURE STATEMENT BY APPLICANT FORM PTO-1449	Attorney Docket No.: **Mirus.013.03.6**	Serial No.: **10/628,734**
	Applicant: **James E. Hagstrom, Jon A. Wolff, Sean D. Monahan, David B. Rozema, Vladimir G. Budker, Paul M. Slattum, David L. Lewis**	Group:
		Examiner: **Joseph Woitach**

U.S. PATENT DOCUMENTS

Exmnr		Patent Number	Issue Date	Patentee	Class	Sub Class	Filing Date
JW		5,698,531	12/6/97	Nabel et al.	514	44	01/23/ 1995
		5,521,291	05/28/96	Curiel,.David T	530	391.7	12/15/1993
		5,580,859	12/03/96	Felgner, Philip L.	514	44	03/18/1994
		5,583,020	12/1/96	Sullivan, Sean	435	458	11/19/1993
		5,922,687	07/13/99	Mann, Micheal J.	514	44	11/17/1996

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

		Document Number	Publication Date	Country or Patent Office	Class	Sub Class	Transl. yes	Transl. no
JW		PCT/US98/27072	07/01/99	United States	A01N	43/04		

OTHER DOCUMENTS (Including Author, Title, Date Pertinent Pages, etc.)

JW		Acsadi, G., Jiao, S., Jani, A., Duke, D., Williams, P., Chong, W., Wolff, J.A. Direct gene transfer and expression into rat heart in vivo. The New Biologist 3(1), 71-81, 1991.
		Barron, LG. Et al., "Cationic Lipids Are Essential For Gene Delivery Mediated By Intravenous Administration of Lipoplexes." Gene Therapy 1999/6; pp.1179-1183.
		Bohm, W. Et al., "Routes of Plasmid DNA Vaccination That Prime Murine Humoral and Cellular Immune Responses." Vaccine 1998; Vol. 16, No. 9/10; pp. 949-954.
		Budker, V. Et al., "Naked DNA Delivered Intraportally Expresses Efficiently in Hepatocytes." Gene Therapy 1996; 3; pp. 593-598.
		Budker, V. Et al., "The Efficient Expression of Intravascularly Delivered DNA in Rat Muscle." Gene Therapy 1998;5; pp. 272-276.
		Chapman G et al. "Gene transfer into coronary arteries of intact animals with a percutaneous balloon catheter," Circ. Res; 1992 Vol. 71 pp. 27-33
		Coll, Jean-Luc. Et al., "*In Vivo* Delivery to Tumors of DNA Complexed With Linear Polyethylenimine." Human Gene Therapy July 1, 1999; 10; pp. 1659-1666.
		Goula, D. Et al., "Polyethylenimine-Based Intravenous Delivery of Transgenes to Mouse Lung." Gene Therapy 1998/5; pp.1291-1295.
		Greelish JP et al. "Stable restoration of the sarcoglycan complex in dystrophic muscle perfused with histamine and a recombinant adeno-associated viral vector." Nature; 1999 Vol. 5 no. 4 pp. 439-443
		Kawabata, K. Et al., "The Fate of Plasmid DNA After Intravenous Injection in Mice: Involvement of Scavenger Receptors in Its Hepatic Uptake." Pharmaceutical Research 1995; Vol. 12, No. 6; pp. 825-830.
		Liu F et al. "Hydrodynamics-based transfection in animals by systemic administration of plasmid DNA," Gene Ther; 1999 Vol. 6 pp. 1258-1266
		Liu, Yong Et al., "Cationic Liposome-Mediated Intravenous Gene Delivery." The Journal of Biological Chemistry October 20, 1995;Vol. 270, No. 42; pp. 24864-24870.
		McLean, John W. Et al., "Organ-Specific Endothelial Cell Uptake of Cationic Liposome-DNA Complexes in Mice." The American Physiological Society 1997; pp. H387-H404.
		Milas M et al. "Isolated limb perfusion in the sarcoma-bearing rat: a novel preclinical gene delivery system," Clin Cancer Res; 1997 Vol. 3 no. 12 Pt. 1, pp. 2197-203
		Song, YK. Et al., "Enhanced Gene Expression in Mouse Lung by Prolonging the Retention Time of Intravenously Injected Plasmid DNA." Gene Therapy 1998; 5; pp. 1531-1537.
		Soriano P et al. "Targeted and nontargeted liposomes for in vivo transfer to rat liver cells of a plasmid containing the preproinsulin I gene," PNAS; 1983 Vol. 80 pp. 7128-7131

Jon Wolff 4/14/06

AW		Trubetskoy VS, Slattum PM, Hagstrom JE, Wolff JA, Budker VG. Quantitative assessment of DNA condensation. Anal Biochem. 1999; 267: 309-313.
		Von Der Leyen, Heiko, E., Et al., "A Pressure-Mediatated Nonviral Method For Efficient Arterial Gene and Oligonucleotide Transfer." Human Gene Therapy; September 20, 1999; vol. 10; pp. 2355-2364.
		Zhang, Guofeng Et al., "Expression of Naked Plasmid DNA Injected Into the Afferent and Efferent Vessels of Rodent and Dog Livers." Human Gene Therapy October 10, 1997; 8; pp. 1763-1772.
		Zhang G et al. "High Levels of Foreign Gene Expression in Hepatocytes after Tail Vein Injections of Naked Plasmid DNA," Human Gene Therapy; 1999 Vol. 10 pp. 1735-1737
		Zhang et al. "Efficient expression of naked dna delivered intraarterially to limb muscles of nonhuman primates," Human Gene Therapy 2001 Vol. 12 no. 4 pp. 427-438
		Zhu, Ning Et al., "Systemic Gene Expression After Intravenous DNA Delivery Into Adult Mice." Science July 9, 1993; Vol. 261; pp. 209-211.

Examiner: Joe Woitach	Date Considered: 4/14/06

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		Document Number	Publication Date	Country or Patent Office	Class	Sub Class	Transl. yes	Transl. no

OTHER DOCUMENTS (Including Author, Title, Date Pertinent Pages, etc.)

IN Aug 7, 2004 IDS		Acsadi, G., Jiao, S., Jani, A., Duke, D., Williams, P., Chong, W., Wolff, J.A. Direct gene transfer and expression into rat heart in vivo. The New Biologist 3(1), 71-81, 1991.
		Barron, LG. Et al., "Cationic Lipids Are Essential For Gene Delivery Mediated By Intravenous Administration .o_fLipoplexes."-.Gene-Therapy 1999/6; pp.,1.179-J_183. __
		Budker, Vr"Ef aI7, "Naked DNA Delivered Intraportally Expresses Efficiently in Hepatocytes." Gene Therapy 1996; 3; pp. 593-598.
		Budker, V. Et al., "The Efficient Expression of Intravascularly Delivered DNA in Rat Muscle." Gene Therapy 1998;5; pp. 272-276.
		Chapman G et al. "Gene transfer into coronary arteries of intact animals with a percutaneous balloon catheter," Circ. Res; 1992 Vol. 71 pp. 27-33
		-Coll, Jean-Luc. Et al., "In Vivo Delivery to Tumors of DNA Complexed With Linear Polyethylenimine." Human Gene Therapy July 1, 1999; 10; pp. 1659-1666.
		Goula, D. Et a!., "Polyethylenimine-Based Intravenous Delivery of Transgenes to Mouse Lung." Gene Therapy 1998/5; pp.1291-1295.
		-Greelish JP et al. "Stable restoration of the sarcoglycan complex in dystrophic muscle perfused with histamine and a recombinant adeno-associated viral vector." Nature; 1999 Vol. 5 no. 4 pp. 439-443
		Kawabata, K. Et al., "The Fate of Plasmid DNA After Intravenous Injection in Mice: Involvement of Scavenger Receptors in Its Hepatic Uptake." Pharmaceutical Research 1995.
		--Liu F et al. "Hydrodynamics-based transfection in animals by systemic administration of plasmid DNA," Gene Ther; 1999 Vol. 6 pp. 1258-1266

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		_Liu, Yong Et al., "Cationic Liposome-Mediated Intravenous Gene Delivery." The Journal of Biological Chemistry October 20, 1995;Vol. 270, No. 42; pp. 24864-24870.
		McLean, John W. Et al., "Organ-Specific Endothelial Cell Uptake of Cationic Liposome-DNA Complexes in Mice." The American Physiological Society 1997; pp. H387-H404.
	M. Las	~~Jvlilas~~ M et al. "Isolated limb perfusion in the sarcoma-bearing rat: a novel preclinical gene delivery system," Clin Cancer Res; 1997 Vol. 3 no. 12 Pt. 1, pp. 2197-203
		- Song, YK. Et al., "Enhanced Gene Expression in Mouse Lung by Prolonging the Retention Time of Intravenously Injected Plasmid DNA." Gene,Therapy 1998; 5^ pp. 1531-1537.
		"Soriano P et al. "Targeted and nontargeted liposomes for in vivo transfer to rat liver cells of a plasmid containing the preproinsulin I gene," PNAS; 1983 Vol. 80 pp. 7128-7131
		-Trubetskoy VS, Slattum PM, Hagstrom JE, Wolff JA, Budker VG. Quantitative assessment of DNA condensation. Anal Biochem. 1999; 267: 309-313.
		~"Von Der Leyen, Heiko, E., Et al., "A Pressure-Mediatated Nonviral Method For Efficient Arterial Gene and Oligonucleotide Transfer." Human Gene Therapy; September 20, 1999; vol. 10; pp. 2355-2364.
		""Zhang, Guofeng Et al., "Expression of Naked Plasmid DNA Injected Into the Afferent and Efferent Vessels of Rodent and Dog Livers." Human Gene Therapy October 10, 1997; 8; pp. 1763-1772.
		"Zhang G et al. "High Levels of Foreign Gene Expression in Hepatocytes after Tail Vein Injections of Naked Plasmid DNA," Human Gene Therapy; 1999 Vol. 10 pp. 1735-1737
		~ Zhang et al. "Efficient expression of naked dna delivered intraarterially to limb muscles of nonhuman primates," Human Gene Therapy 2001 Vol. 12 no. 4 pp. 427-438
		'Zhu, Ning Et al., "Systemic Gene Expression After Intravenous DNA Delivery Into Adult Mice." SCIENCE July 9, 1993; Vol. 261; pp. 209-211.

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